

Amendments to the Claims

Please cancel claims 10 through 21. Original claims 1 through 8 and new claims 22 through 33 are provided.

1. (Original) Biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.
2. (Original) A crystalline biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of Claim 1 further characterized by the X-ray powder diffraction pattern comprising a peak at 5.2, 6.2, 12.6, 14.0, 15.6, 17.0, 18.8, 19.6, 20.0, or 22.6 ($\pm 0.1^\circ 2\theta$).
3. (Original) A crystalline biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of Claim 1 further characterized by the X-ray powder diffraction pattern comprising peaks at 5.2 and 6.2 ($\pm 0.1^\circ 2\theta$).
4. (Original) A crystalline biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of Claim 1 further characterized by the X-ray powder diffraction pattern comprising peaks at 15.6 and 18.8 ($\pm 0.1^\circ 2\theta$).
5. (Original) A crystalline biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of Claim 1 further characterized by the X-ray powder diffraction pattern comprising peaks at 5.2, 6.2, 12.6, 15.6, 18.8, and 20.0 ($\pm 0.1^\circ 2\theta$).
6. (Original) A crystalline biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of Claim 1 further characterized by the X-ray powder diffraction pattern comprising peaks at 5.2, 6.2, 12.6, 14.0, 15.6, 17.0, 18.8, 19.6, 20.0, and 22.6 ($\pm 0.1^\circ 2\theta$).
7. (Original) A pharmaceutical composition comprising biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate and a pharmaceutically acceptable diluent.
8. (Original) A pharmaceutical composition comprising the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-

hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6 and a pharmaceutically acceptable diluent.

10. through 21. (Cancelled)

22. (New) A method of treating or prophylactically treating disorders associated with the muscarinic receptors comprising administering to a patient in need thereof an effective amount of biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

23. (New) A method of treating or prophylactically treating disorders associated with the muscarinic receptors comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.

24. (New) A method of treating or prophylactically treating cognitive disorders comprising administering to a patient in need thereof an effective amount of biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

25. (New) A method of treating or prophylactically treating cognitive disorders comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.

26. (New) A method of treating or prophylactically treating Alzheimer's disease comprising administering to a patient in need thereof an effective amount of biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

27. (New) A method of treating or prophylactically treating Alzheimer's disease comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.

28. (New) A method of treating or prophylactically treating schizophrenia comprising administering to a patient in need thereof an effective amount of

biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

29. (New) A method of treating or prophylactically treating schizophrenia comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.

30. (New) A method of treating or prophylactically treating mild cognitive impairment comprising administering to a patient in need thereof an effective amount of biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

31. (New) A method of treating or prophylactically treating mild cognitive impairment comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.

32. (New) A method of treating or prophylactically treating cognitive impairment associated with schizophrenia comprising administering to a patient in need thereof an effective amount of biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate.

33. (New) A method of treating or prophylactically treating cognitive impairment associated with schizophrenia comprising administering to a patient in need thereof an effective amount of the biphenyl-4-carboxylic acid (R)-(6-(1-((4-fluorobenzyl)methylamino)ethylideneamino)-2(R)-hydroxyindan-1-yl)amide hemihydrate of any one of Claims 2-6.